In the Claims

Applicant has submitted a new complete claim set indicating marked up claims with insertions and deletions indicated by underlining and strikeouts, respectively.

Please cancel claims 1-6 and 16-19 without prejudice or disclaimer.

1-6. (Canceled)

7. (Previously presented) A kit for use in the screening of the risk for, the diagnosis, management and research of atherosclerosis and coronary heart disease comprising

a container containing a reagent for isolating LDL from a serum or plasma sample for the preparation of a LDL fraction, and

a container containing a reagent for use in the determination of the antioxidant potential of LDL (LDL-TRAP) in the LDL fraction.

8. (Previously presented) The kit according to claim 7, wherein the reagent for isolating the LDL from the sample is a buffered heparin solution.

9. (Previously presented) The kit according to claim 7, wherein the reagent for use in the determination of the antioxidant potential of LDL in a serum or plasma sample is 2,2' -azobis(2-amidinopropane)HCl (ABAP).

10. (Previously presented) A kit for use in the screening of the risk for, the diagnosis, management and research of atherosclerosis and coronary heart disease comprising

a container containing a reagent for isolating LDL from a serum or plasma sample for the preparation of a LDL fraction,

a container containing a reagent for separating the lipids from the LDL fraction to obtain a lipid fraction,

a container containing a reagent for use in the determination of LDL-BDC in the lipid fraction, and

11. (Previously presented) The kit according to claim 10, wherein the reagent for isolating the LDL from the serum or plasma sample is a buffered heparin solution.

12. (Previously presented) The kit according to claim 10, wherein the reagent for separating the lipid is a chloroform-methanol solution.

13. (Previously presented) The kit according to claim 10, wherein the reagent for use in the determination of LDL-BDC in the lipid fraction is an organic solvent.

14. (Previously presented) The kit according to claim 13, wherein the reagent for use in the determination of LDL-BDC in the lipid fraction is a cyclohexane.

15. (Previously presented) The kit according to claim 10, wherein the reagent for use in the determination of the antioxidant potential of LDL is the sample is 2,2' -azobis(2-amidinopropane)HCl (ABAP).

16-19. (Canceled)

20. (Original) A kit for use in determining antioxidant potential of a LDL fraction of blood serum or plasma, comprising

a first container for extracting lipids from the LDL fraction, the first container containing a solvent which extracts lipids from a LDL fraction; and

a second container containing an amount of a compound which produces peroxyl radicals sufficient to induces lipid peroxidation of the LDL fraction.

21. (Original) The kit according to claim 20, wherein the compound in the second container is 2,2' -azobis(2-amidinopropane)HCl (ABAP).

22. (Original) The kit of claim 21, wherein the ABAP is a powder and further comprising a third container containing a solution for suspension of the ABAP.

compound which enhances luminescence

24. (Original) The kit of claim 23, wherein the compound which enhances luminescence is luminol.

25. (Canceled)